

DELAWARE MATERIAL SPECIFICATION

SYNTHETIC FIBER REINFORCEMENT MS226

1. **SCOPE**

This specification covers the quality of synthetic fiber reinforcement in concrete and concrete structures.

2. **TYPE**

The synthetic fiber reinforcement shall be Type III (Polypropylene).

3. **QUALITY**

Synthetic fiber reinforcement shall conform to the requirements of ASTM C-1116.

4. **USES**

Synthetic fiber reinforcement does not increase the flexural strength of concrete nor does it allow for a reduction in primary reinforcement, or an increase in the recommended spacing between contraction and expansion joints. Synthetic fiber reinforcement may be substituted for welded wire fabric when used as a secondary reinforcement to control shrinkage cracking in nonstructural concrete base slabs. Consult the designer of the practice before making this substitution.